

WHAT IS CLAIMED IS:

1. A code generation apparatus to generate a source code using a given model, comprising:

model acquisition means for acquiring the given model whose specific part is specified by a part specifier;

selection information acquisition means for acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

deletion and generation means for generating the source code from a certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means.

2. The code generation apparatus of Claim 1,

wherein the part specifier includes a part specification block which encloses the specific part of the given model, and

wherein the selection information acquisition means acquires the selection information indicating at least one of selection and deletion of the specific part using the part specification block.

3. The code generation apparatus of Claim 1,

wherein the part specifier includes attribute information that is included in the specific part of the given model.

4. The code generation apparatus according to claim 1 further comprising:

correlative information acquisition means for acquiring correlative information indicating correlation between the part specifier specifying the specific part of the given model acquired by the model acquisition means and the selection information acquired by the selection information acquisition means,

wherein the deletion and generation means generates the source code from the certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means and the correlative information acquired by the correlative information acquisition means.

5. The code generation apparatus of Claim 1,

wherein the selection information includes information about a model type relevant to the source code generated by the deletion and generation means.

6. The code generation apparatus of Claim 1,

wherein the selection information includes information about a destination country relevant to the source code generated by the deletion and generation means.

7. The code generation apparatus of Claim 1,  
wherein the selection information includes information about an intended use relevant to the source code generated by the deletion and generation means.

8. A computer program product on a computer readable medium for use in a code generation apparatus to generate a source code using a given model, the computer program product comprising instructions of:

acquiring the given model whose specific part is specified by a part specifier;

acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

generating the source code from a certain model that is generated using the acquired given model based on the acquired selection information.

9. A simulation apparatus for executing functions included in a certain model generated using a given model, comprising:

model acquisition means for acquiring the given model whose specific part is specified by a part specifier;

selection information acquisition means for acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

deletion and generation means for executing the functions included in the certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means.

10. A computer program product on a computer readable medium for use in a simulation apparatus for executing functions included in a certain model generated using a given model, the computer program product comprising instructions of:

acquiring the given model whose specific part is specified by a part specifier;

acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

executing the functions included in the certain model that is generated using the acquired given model based on the acquired selection information.

11. A model generation apparatus to generate a certain model using a given model, comprising:

model acquisition means for acquiring the given model whose specific part is specified by a part specifier;

selection information acquisition means for acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

deletion and generation means for generating the certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means.

12. A computer program product on a computer readable medium for use in a model generation apparatus to generate a certain model using a given model, the computer program product comprising instructions of:

acquiring the given model whose specific part is specified by a part specifier;

acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

generating the certain model that is generated using the acquired given model based on the acquired selection information.

13. A method in a code generation apparatus to generate a source code using a given model, the method comprising steps of:

acquiring the given model whose specific part is specified by a part specifier;

acquiring selection information capable of indicating at least one of selection and deletion of the specific part using the part specifier; and

generating the source code from a certain model that is

generated using the acquired given model based on the acquired selection information.

14. A code generation apparatus to generate a source code using a given model, comprising:

model acquisition means for acquiring the given model, wherein each of a plurality of specific parts included in the given model is specified by each of a plurality of part specifiers;

selection information acquisition means for acquiring selection information indicating at least one of selection and deletion of a given specific part using a given part specifier that specifies the given specific part; and

deletion and generation means for generating the source code from a certain model that is generated using the given model acquired by the model acquisition means based on the selection information acquired by the selection information acquisition means.